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Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: [year=2008; month=2; day=14; hr=13; min=6; sec=46; ms=675; ]

=====

\*\*\*\*\*

Reviewer Comments:

<210> 99

<211> 5

<212> PRT

<213> Artificial

<220>

<223> Protein composition containing a beta-secretase inhibitor molecule

<220>

<221> MISC\_FEATURE

<222> (2)..(3)

<223> Met and Val are linked via phenylstatine molecule

<400> 99

Val Met Val Ala Glu Phe

1 5

Please correct the total number of bases in <211> differs actual it is inserted is 5 but the number of bases counted are 6.

\*\*\*\*\*

Application No: 09730329

Version No: 5.0

Input Set:

Output Set:

Started: 2008-01-31 21:40:17.145

Finished: 2008-01-31 21:40:20.825

Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 680 ms

Total Warnings: 67

Total Errors: 2

No. of SeqIDs Defined: 101

Actual SeqID Count: 101

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W 213	Artificial or Unknown found in <213> in SEQ ID (5)
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**Input Set:**

**Output Set:**

**Started:** 2008-01-31 21:40:17.145  
**Finished:** 2008-01-31 21:40:20.825  
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**Actual SeqID Count:** 101

Error code	Error Description
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E 257	Invalid sequence data feature in <221> in SEQ ID (73)
E 331	Count of Protein differs from the <211> tag Input: 5 Calculated:

## SEQUENCE LISTING

<110> John, Varghese  
Sinha, Sukanto  
Tung, Jay

<120> BETA-SECRETASE ENZYME COMPOSITIONS AND METHODS

<130> 015270-006460US

<140> 09730329

<141> 2000-12-04

<150> US 60/168,854

<151> 1999-12-02

<160> 101

<170> PatentIn version 3.3

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```

```

Leu Pro Ala His Gly Thr Gln His Gly Ile Arg Leu Pro Leu Arg Ser
              20              25              30

```

```

Gly Leu Gly Gly Ala Pro Leu Gly Leu Arg Leu Pro Arg Glu Thr Asp
35              40              45

```

```

Glu Glu Pro Glu Glu Pro Gly Arg Arg Gly Ser Phe Val Glu Met Val
50              55              60

```

```

Asp Asn Leu Arg Gly Lys Ser Gly Gln Gly Tyr Tyr Val Glu Met Thr
65              70              75              80

```

```

Val Gly Ser Pro Pro Gln Thr Leu Asn Ile Leu Val Asp Thr Gly Ser
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```

Ser Asn Phe Ala Val Gly Ala Ala Pro His Pro Phe Leu His Arg Tyr
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